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# HOWISON & ARNOTT, L.L.P.

A LIMITED LIABILITY PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS

ATTORNEYS AT LAW  
PATENT AND TRADEMARK MATTERS

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CONFIRMATION SENT VIA FIRST CLASS MAIL  
YES \_\_\_ NO X

NUMBER OF PAGES TO FOLLOW 20

## FACSIMILE COVER SHEET

**DATE:** May 1, 2006  
**TO:** Central Filing Desk  
**COMPANY:** U.S. Patent and Trademark Office  
**FAX NUMBER:** 571-273-8300  
**FROM:** Gregory M. Howison  
**OUR FILE:** CYGL-25,768  
**ATTACHED:** Transmittal Form (1); Amendment and Response to Office Action (19)

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PTO/SSB/21 (09-04)

Approved for use through 07/31/2009. OMB 0851-0031

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

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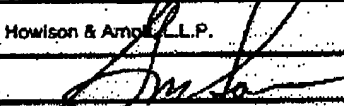
Application Number	09/885,459
Filing Date	June 19, 2001
First Named Inventor	Donald E. Alfano
Art Unit	2111
Examiner Name	Kenneth S. Kim
Attorney Docket Number	CYGL-25,768

**ENCLOSURES** (Check all that apply)

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.82 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify below): |
|--|--|--|

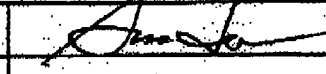
Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Howison & Arnott, L.P.		
Signature			
Printed name	Gregory M. Howison		
Date	5/1/06	Reg. No.	30,646

**CERTIFICATE OF TRANSMISSION/MAILING**

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Signature			
Typed or printed name	Gregory M. Howison	Date	5/1/06

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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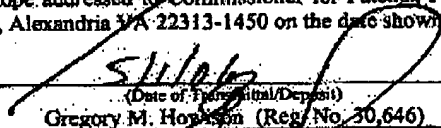


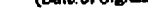
PATENT

MAY 01 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/885,459  
Applicants : Donald E. Alfano, Danny J. Allred, Douglas S. Piasecki, Kenneth W. Fernald,  
Ka Y. Leung, Brian Caloway, Alvin Storvik, Paul Highley and Douglas R.  
Holberg  
Title : FIELD PROGRAMMABLE MIXED-SIGNAL INTEGRATED CIRCUIT  
Filed : June 19, 2001  
TC/A.U. : 2111  
Examiner : Kenneth S. Kim  
Docket No. : CYGL-25,768  
Customer No. : 25883

Commissioner for Patents  
P.O. Box 1450  
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	(Date of Facsimile/Deposit)
Gregory M. Howison (Reg. No. 30,646)	
	(Name of Person Mailing Document)
	(Signature)
	(Date of Signature)

Dear Sir:

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

In response to the Office Action dated March 27, 2006, please amend the above-referenced patent application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims beginning on page 16 of this paper.

**Remarks/Arguments** begin on page 19 of this paper.

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